

**To the Mayor and Members of the City Council****June 7, 2016****Page 1 of 1****SUBJECT: W. 7<sup>TH</sup> STREET BRIDGE LIGHTING REPAIRS**

This Informal Report provides an update on the status of the W. 7<sup>th</sup> Street bridge lighting repairs.

Since the opening of the bridge in 2013, the reliability of the lighting systems has resulted in numerous outages. Staff has determined that the primary cause of these outages is water infiltrating into the wiring system. The warranty period for the electrical system has expired and to correct the situation, wiring, connectors and light fixtures with marine grade materials will be installed. A transition to LED lighting technology is also being pursued for the Arch Lighting to reduce the maintenance needs of the new system. These water resistant LED lighting fixtures are multi-colored and programmable, providing the ability to change lighting color from the normal white light to other colors as special events occur.

The improvement effort is currently underway with staff repairing the main power source. Funding for the marine grade material improvements is available from savings on the total project that was returned to the City by TxDOT. An M&C will be presented to the City Council for consideration on June 28<sup>th</sup> to authorize appropriation of \$200,000.00 for this improvement. Once authorization to transfer funds is approved, the contractor will begin work being with an estimated completion of all improvement by early Fall.

Please contact Alonzo Linan, Asst. Director TPW at 817-392-7861 with any questions.

**David Cooke**  
**City Manager**